

MATERIAL SAFETY DATA SHEET**Coin/Currency Products**

PM Company
1500 Kemper Meadow Drive
Cincinnati, OH 45240-1638

FOR ALL COIN/CURRENCY PRODUCTS

Company contact: Jodie Winters
Telephone number: 513-742-7623

SECTION #1 — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names)	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
1) Ammonia CAS #1336-21-6	25 ppm	25 ppm		
Health Rating: Fire: 0 Health: 1 Reactivity: 0				

SECTION #2 — Physical/Chemical Characteristics

Boiling Point	212° F	Specific Gravity (H ₂ O=1)	.95
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR=1)	N/A	Evaporation Rate (Butyl Acetate=1)	1.0
Solubility in Water: Dilutable in water			
Appearance and Odor: White liquid with slight odor			

SECTION #3 — Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media:	Water, CO ₂ , Foam for the dry film		
Special Fire Fighting Procedures:	Self-contained breathing apparatus recommended		
Usual Fire and Explosion Hazards: None known to PM Company.			

N/A = Not Applicable/Not Available

SECTION #4 – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid)		Strong oxidizing agent	
Hazardous Decomposition or Byproducts		Carbon Dioxide or Carbon Monoxide	
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

SECTION #5 - Health Hazard Data

Route(s) of Entry: CONTACT	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic)			
1) Inhalation: Over exposure can cause irritation of the nose and throat. Can cause headaches, dizziness or nausea			
2) Eye Contact: Can cause irritation of the eyes, swelling or reddening of the eyes			
3) Skin Contact: Slight irritation of the skin. Over exposure can cause reddening of the skin			
4) Delayed Effects: N/A			
Carcinogenicity: None known to PM Company.	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure See health hazards, above.			
Medical Conditions Generally Aggravated by Exposure None known to PM Company.			
Emergency and First Aid Procedures			
1) Inhalation: Provide fresh air or oxygen immediately. Call physician.			
2) Ingestion: If individual is awake, give water to drink. Call physician.			
3) Eye or Skin Contact: Flush eyes with water for 15 minutes. If reddening or irritation continues, call physician.			

SECTION #6 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled Dam up area to prevent spreading of material. Provide ventilation. Dry up compound using an absorbent material.
Waste Disposal Method Dispose of absorbent material and compound according to local, state and federal regulations.
Precautions to Be Taken in Handling and Storing Store in a well ventilated area at 50°-60°F
Other Precautions Protect from freezing.

SECTION #7 - Control Measures

Respiratory Protection (Specify Type) NIOSH approved organic vapor cartridge type mask		
Ventilation N/A	Local Exhaust yes	Special
	Mechanical (General) yes	Other
Protective Gloves Impervious type		Eye Protection Splash Goggles
Other Protective Clothing or Equipment None Required		
Work/Hygienic Practices Follow normal hygiene practice. Wash hands after handling papers and before eating or drinking food and beverages.		

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information of the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

PM COMPANY